



JP62025036

Biblio

Page 1



## MANUFACTURE OF LAMINATE

Patent Number: JP62025036  
Publication date: 1987-02-03  
Inventor(s): YAMAMOTO MATSUKI  
Applicant(s): MATSUSHITA ELECTRIC WORKS LTD  
Requested Patent: ☐ JP62025036  
Application Number: JP19850164412 19850725  
Priority Number(s):  
IPC Classification: B29D9/00  
EC Classification:  
Equivalents:

### Abstract

**PURPOSE:** To heighten temperature-raising speed and to uniformize temperature distribution by heating the layer containing thermosetting resin with Joule heat generated by the eddy current induced in a conductor under high-frequency magnetic field.

**CONSTITUTION:** A carrier plate 6 and a cushion 5 are placed on a pressurizing lower plate 7, and further piled-up laminates 9 and a top plate 2 are placed thereon. A pressurizing upper plate 1 is lowered onto the upper surface of the top plate 2, and the piled-up laminates 9 are introduced in an induction coil 8 and are pressurized. High-frequency magnetic field is generated in the coil 8 by high-frequency current through the coil 8. Therefore, eddy current flows in the conductor layer of said piled-up laminates 9, and Joule heat is generated because of its eddy current loss, whereby the conductor layer is rapidly heated, and also its temperature distribution is uniformized.

Data supplied from the esp@cenet database - I2